

**portajel**

**makrovin**



## MOLASSES BASED LICKING GEL FOR SMALL RUMINANTS

**INTENDED USE:** For small ruminants;

- It is used to meet the deficient protein needs of animals grazing on pasture.
- Provides a strong muscle and bone structure.
- Increases fattening performance.
- Increases the appetite of animals.
- Provides reduction in the dropping of feather; healthy and bright feather quality.
- Provides healthy hoof structure formation.
- Provides the resistance increase against diseases.
- Prevents from habits such as eating soil and licking wall.
- Thanks to the yeast in its content, regulates the digestive system and provides maximum yield.

**USAGE:** It is recommended to put the licking bucket freely in front of the animals so that they can consume 40 g per day for small ruminants.

**COMPONENTS:** Sugar beet molasses, Calcium Carbonate, Magnesium Oxide, Sodium Chloride, Amino Acid Complex, Fractionated Bypass Fat, Vitamin and Mineral Premix.

**WHAT IS WARM COOKING TECHNOLOGY?:** Warm Cooking Technology is the process of evaporating the water of sugar beet molasses by processing it below 55 °C. With this technology, the nutrients in molasses and the additives added can protect their healthy structure without losing. It is known that Acrylamide which is known as carcinogenic, is ocured by heating feed materials with high sugar content, above 90 degrees. With the warm cooking technology, the formation of Acrylamide is prevented and the nutrients are also preserved. You can give our products to your animals with confidence.

**Patent No:2022/000352**

### PACKAGE FORM

5 KG BUCKETS	10 KG BUCKETS	20 KG BUCKETS	75 KG BUCKETS
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Active ingredients	The name of Additive	Quantity in Premix	Units
<b>Vitamins / Nutritional Additives</b>			
Vitamin A	Retinol Acetate	143.000	IU/kg
Vitamin D3	Cholecalciferol	28.600	IU/kg
Vitamin E	Alpha-Tocopherol Acetate	117,50	mg/kg
Vitamin B1	Thiamine	10,50	mg/kg
Vitamin B2	Riboflavin	12	mg/kg
Vitamin B3	Niacin	165	mg/kg
Vitamin B5	Calcium-d-Pantothenate	11	mg/kg
Vitamin B6	Pyridoxine	16,50	mg/kg
Vitamin B7	D-Biotin	12	mg/kg
Vitamin B9	Folic Acid	11,50	mg/kg
Vitamin K3	Synthetic Menadione	11,50	mg/kg
<b>Amino Acids / Nutritional Additives</b>			
Aspartic Acid	L-Aspartic Acid	2.860	mg/kg
Arginine	L-Arginine	870	mg/kg
Alanine	L-Alanine	2.000	mg/kg
Cysteine	L-Cysteine	460	mg/kg
Glutamic Acid	L-Glutamic Acid	16.500	mg/kg
Glycine	L-Glycine	20.850	mg/kg
Histidine	L-Histidine	170	mg/kg
Isoleucine	L-Isoleucine	870	mg/kg
Leucine	L-Leucine	1.130	mg/kg
Lysine	L-Lysine	2.450	mg/kg
Methionine	L-Methionine	370	mg/kg
Phenylalanine	L-Phenylalanine	720	mg/kg
Proline	L-Proline	610	mg/kg
Serine	L-Serine	1.310	mg/kg
Threonine	L-Threonine	2.000	mg/kg
Tryptophan	L-Tryptophan	145	mg/kg
Tyrosine	L-Tyrosine	2.530	mg/kg
Valine	L-Valine	850	mg/kg
Asparagine	L-Asparagine	50	mg/kg
Glutamine	L-Glutamine	450	mg/kg
Hydroxyproline	L-Hydroxyproline	8.700	mg/kg
<b>Trace Minerals / Nutritional Additives</b>			
Iron (Fe)	Iron Sulphate	2.375	mg/kg
Iodine (I)	Calcium Iodate	57,30	mg/kg
Manganese (Mn)	Manganese Sulphate	2.880	mg/kg
Cobalt (Co)	Cobalt Sulphate	17,60	mg/kg
Zinc (Zn)	Zinc Oxide	4.025	mg/kg
Selenium (Se)	Sodium Selenite	11,50	mg/kg
<b>Vitamin like substances / Nutritional Additives</b>			
Choline	Choline Chloride	1.000	mg/kg
<b>Analytical components</b>			
Crude Protein	20,00%	Phosphorus (P)	1,10%
Calcium	4,60%	Sodium (Na)	2,10%
Crude fat	2,20%	Potassium (K)	2,20%
Crude Ash	39,00%	Magnesium (Mg)	3,60%
Sugar	31,00%		